

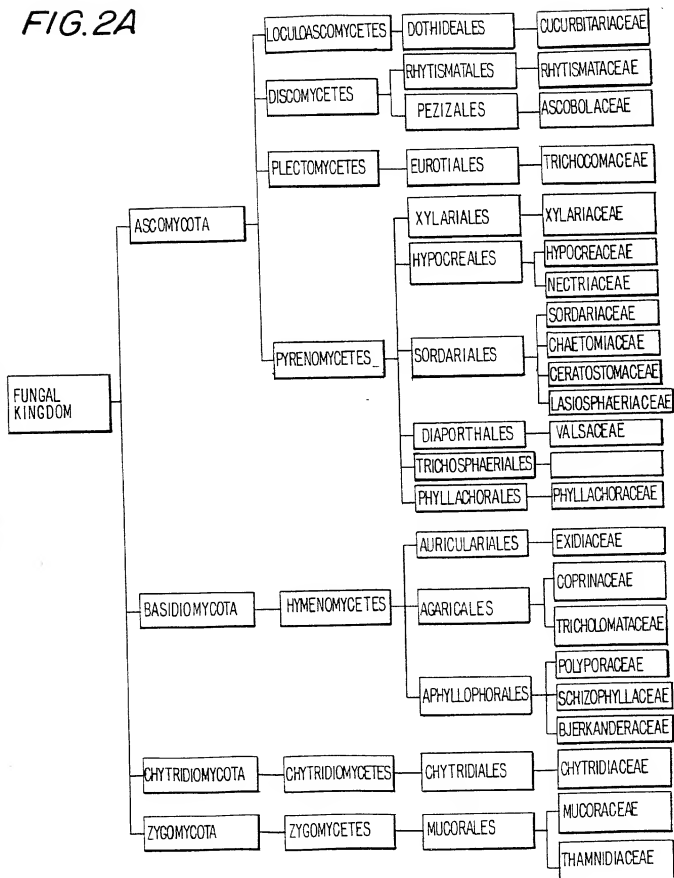
Acremonium I	1	-----MRSTSI	L	GL	VA	GV	AA	-----	Q	SS	GS	G	H	23	
V. colletarichoides	1	-----MRSSAV	L	GL	VA	GV	AA	-----	Q	SS	GT	G	R	23	
C. scabell	1	MVHPNMLK	T	L	A	P	L	I	L	A	S	V	T	27	
Acremonium II	1	-----MISAW	L	GL	VA	GV	AA	-----	Q	SS	GS	G	H	26	
T. terrestris	1	-----MRSTP	V	L	R	T	T	A	A	L	P	L	V	27	
M. thermophila	1	-----MHL	S	A	T	T	G	L	A	L	P	V	L	25	
M. phaseolina	1	-----MFS	P	L	W	A	L	S	A	L	L	F	P	23	
	1	-----MFS	P	L	W	A	L	S	A	L	L	F	P	23	
Acremonium I	24	TTRYWDCCK	P	S	C	A	W	E	K	A	V	S	R	55	
V. colletarichoides	24	TTRYWDCCK	P	S	C	G	W	E	K	A	S	V	S	55	
C. scabell	24	TTRYWDCCK	P	S	C	G	W	E	K	A	S	V	S	59	
Acremonium II	27	TTRYWDCCK	T	S	C	A	W	E	K	A	S	V	S	58	
T. terrestris	28	TTRYWDCCK	P	S	C	A	W	E	K	A	S	V	S	59	
M. thermophila	26	TTRYWDCCK	P	S	C	A	W	E	K	A	S	V	S	56	
M. phaseolina	24	TTRYWDCCK	P	S	C	A	W	E	K	A	S	V	S	55	
	24	TTRYWDCCK	P	S	C	A	W	E	K	A	S	V	S	55	
Acremonium I	56	P	-	L	S	P	G	-	A	V	S	G	C	D	85
V. colletarichoides	56	P	-	L	S	P	G	-	A	V	S	G	C	D	85
C. scabell	60	T	-	L	G	P	D	-	V	K	S	G	C	D	89
Acremonium II	59	P	I	V	D	A	N	-	A	R	S	G	C	D	88
T. terrestris	60	P	L	S	D	F	N	-	V	Q	S	G	C	D	89
M. thermophila	57	P	L	N	D	G	S	T	R	S	G	C	D	A	88
M. phaseolina	56	A	Q	T	P	S	D	L	L	K	S	G	C	D	86
	56	A	Q	T	P	S	D	L	L	K	S	G	C	D	86
Acremonium I	86	V	A	Y	G	F	A	A	T	A	F	S	G	S	117
V. colletarichoides	86	V	A	Y	G	F	A	A	T	A	F	S	G	S	117
C. scabell	90	T	A	Y	G	F	A	A	T	A	F	S	G	S	121
Acremonium II	89	T	A	Y	G	F	A	A	T	A	F	S	G	S	120
T. terrestris	90	T	A	Y	G	F	A	A	T	A	F	S	G	S	121
M. thermophila	89	L	S	V	G	F	A	A	T	A	F	S	G	S	120
M. phaseolina	87	L	S	V	G	F	A	A	T	A	F	S	G	S	118

FIG. 1A

Acremonium I	118	A G K T M V V Q S T N T G G D L S G I H F D I L M P G G G L G I	149
V. colletotrichoides	119	A G K T M V V Q S T N T G G D L S G I H F D I L M P G G G L G I	149
C. scabell	122	V G K L T I V Q S T N T G G D L S G I H F D I L M P G G G L G I	153
Acremonium II	121	A G K M V V Q S T N T G G D L S G I H F D I L M P G G G L G I	153
T. terrestris	122	A G K T M V V Q S T N T G G D L S G I H F D I L M P G G G L G I	152
M. thermophila	121	A G K M T I V Q S T N T G G D L S G I H F D I L M P G G G L G I	150
M. phaseolina	119	S G K Q M I V Q S T N T G G D L S G I H F D I L M P G G G L G I	149
Acremonium I	150	F - D G C T P Q F G F T F P - - G N R Y G G T T S R S Q C A E L	178
V. colletotrichoides	150	F - D G C T P Q F G F T F P - - G N R Y G G T T S R S Q C S Q I	183
C. scabell	154	F T Q G C P A Q F G S W N G - - G A Q Y G G V S S R D Q C S Q L	181
Acremonium II	153	F - D G C S A Q F G Q L L P - - G E R Y G G V S S R S Q C D G M	181
T. terrestris	154	F - N G C S S Q F G G L P - - G A Q Y G G I S S R D Q C D S F	183
M. thermophila	153	F - N A C T D Q Y G A P P N G W G D R Y G G I H S K E E C E S F	179
M. phaseolina	151	F - N G C S K Q W N G I - - N L G N Q Y G G F T D R S Q C A T L	210
Acremonium I	179	P S V L R D G C H W R Y D W F N D A D N P I N V N W R R V R C P A	210
V. colletotrichoides	179	P S A L Q P G C N W R Y D W F N D A D N P D V S W R R V Q C P A	215
C. scabell	184	P A A V Q A G C Q F R F D W M G G A D N P N V T F R P V T C P A	213
Acremonium II	182	P E L L K D G C Q W R F D W F N Q A D N P T F T F Q Q V Q C P A	215
T. terrestris	184	P A P L K P G C Q W R F D W F N Q A D N P T F T F Q Q V Q C P A	211
M. thermophila	180	P E A L K P G C N W R F D W F N Q A D N P S V T E Q E V A C P S	241
M. phaseolina	180	P S K W Q A S C N W R F D W F N A D N P I T V D W E P V T C P Q	241
Acremonium I	211	A L T I N R S G C V R N D D N S Y P V F E P G T G T P T P T T -	242
V. colletotrichoides	211	A L T I N R S G C V R N D D G N Y P V F Q G P P A T T I R T S	226
C. scabell	216	O L T I N I S G C V R K - - - - -	245
Acremonium II	214	E L I A V S G C V R D D S S F P V F Q G S G S G D V N P P K	244
T. terrestris	214	E L I A V S G C V R D D S S F P - V F T P S G G N G G T G T	225
M. thermophila	216	E L I S K S G C S R - - - - -	222
M. phaseolina	212	E L I V A R T G C S B T - - - - -	

FIG. 1B

FIG. 2A



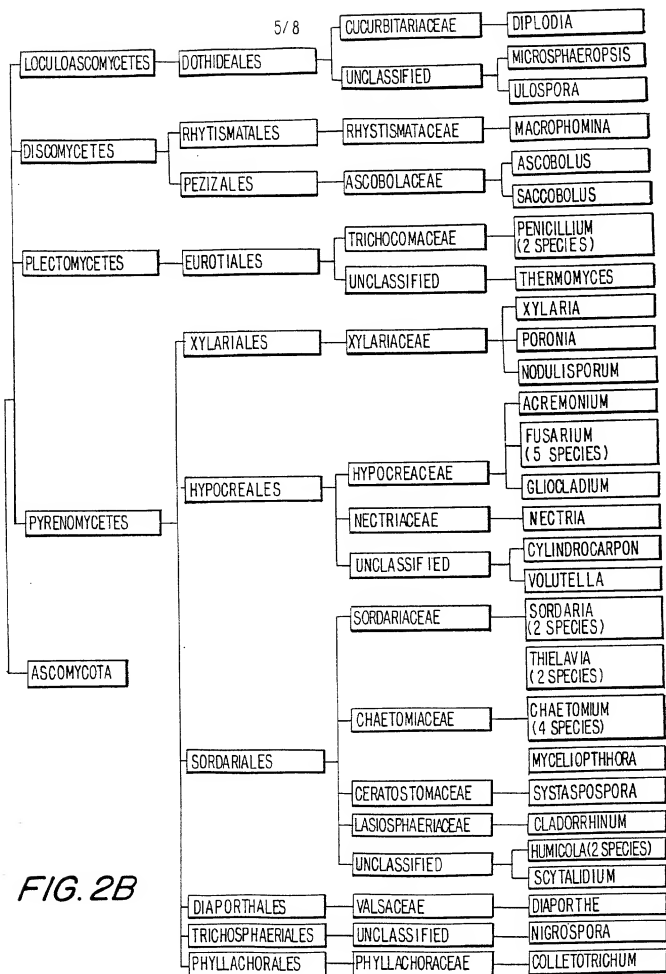


FIG. 2B

FIG. 2C

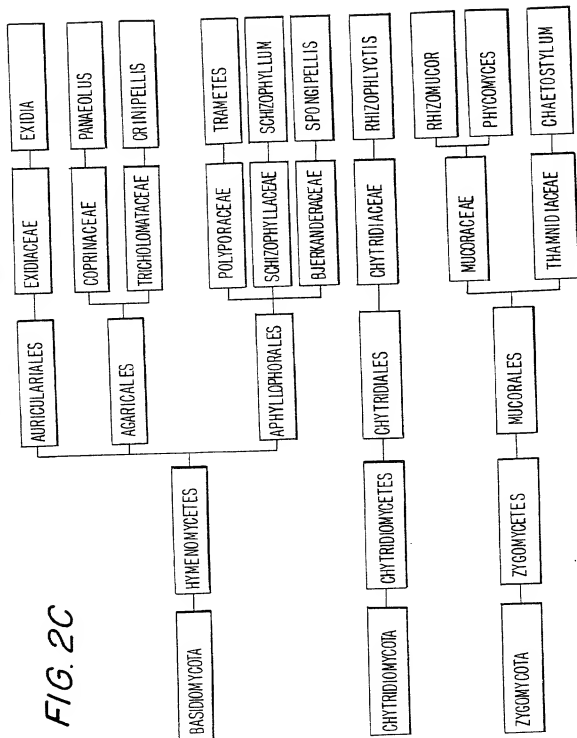


FIG. 3A

FIG. 3B